

ABSTRACT OF THE DISCLOSURE

*JPS
Ou*

This invention relates to a scanning exposure apparatus for transferring a pattern of a reticle onto each shot region while synchronously scanning the reticle and the wafer on which a plurality of shots are arrayed. This apparatus includes a reticle stage for moving the reticle, a wafer stage for moving the wafer, and a controller for controlling continuous scanning exposure for the plurality of shot regions so as to assure a setting distance serving as a distance for moving the reticle stage at a uniform velocity in order to guarantee that synchronization error between the reticle stage and wafer stage falls within an allowable range upon accelerating the wafer stage up to a scan speed for scanning exposure. The controller controls the continuous scanning exposure such that the setting distance for the first shot region to be scanned and exposed upon a change in row to which shot regions serving as exposure objects belong is set larger than the setting distance of other shot regions.

TOP SECRET
EYES ONLY
NOFORN